

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 202.2D2	APPLICATION NO. 10/602,330
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Clarence N. Ahlem, et al	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE June 23, 2003	GROUP 1617

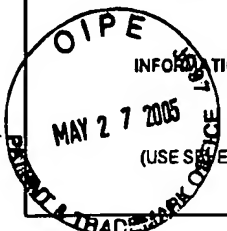
U.S. PATENT DOCUMENTS

EXAMINER Approval Date	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
BB	<u>4,055,641</u>	10/25/77	Benson et al.	—	—	
	<u>4,602,008</u>	7/22/86	Krsek	—	—	
	<u>4,628,052</u>	12/9/86	Peat	—	—	
	<u>4,956,355</u>	9/11/90	Prendergast	—	—	
	<u>5,001,119</u>	3/19/91	Schwartz et al.	—	—	
	<u>5,077,284</u>	12/21/91	Loria	—	—	
	<u>5,206,008</u>	4/27/93	Loria	—	—	
	<u>5,292,730</u>	3/8/94	Lardy	—	—	
	<u>5,296,481</u>	3/22/94	Partridge et al.	—	—	
	<u>5,387,583</u>	2/7/95	Loria	—	—	
	<u>5,461,042</u>	10/24/95	Loria	—	—	
	<u>5,489,581</u>	2/6/96	Daynes et al.	—	—	
	<u>5,494,899</u>	2/27/96	Kincade et al.	—	—	
	<u>5,527,789</u>	6/18/96	Nyce	—	—	
BB	<u>5,506,223</u>	4/9/96	Lardy	—	—	

U.S. PATENT APPLICATION PUBLICATION DOCUMENTS

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EXAMINER	<i>Badu</i>	DATE CONSIDERED	<i>6/22/05</i>
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BB	5,506,223	4/9/96	Lardy	—	—	
	5,824,668	10/20/98	Rubenfield et al.	—	—	
	5,827,841	10/27/98	Daynes et al.	—	—	
	5,837,269	11/17/98	Daynes et al.	—	—	
	5,912,240	6/15/99	Loria	—	—	
	5,919,465	7/6/99	Daynes et al.	—	—	
	5,922,701	7/13/99	Araneo	—	—	
	5,977,095	11/2/99	Araneo et al.	—	—	
BB	6,013,642	1/11/00	Foulkes et al.	—	—	4/14/97

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						YES	NO

EXAMINER
Approval
Date

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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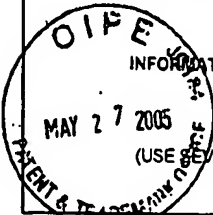
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BB			Araghi-Niknam et al., Modulation of immune dysfunction during murine leukaemia retrovirus infection of old mice by dehydroepiandrosterone sulphate (DHEAS), <i>Immunology</i> 90:344-349 (1997)			
			Byron J, Nature of the erythropoietin-independent response of CFU-S to steroids, <i>Exp. Hematol.</i> 8:160-167 (1980)			
			Byron J, Manipulation of the cell cycle of the hemopoietic stem cell, <i>Exp. Hemat.</i> 3:44-53 (1975)			
			Crandall et al., Estrogens and hematopoiesis: characterization and studies on the mechanism of neutropenia, <i>J. Lab. Clin. Med.</i> 95(6):857-867 (1980)			
			Evens et al., Androgens and erythropoiesis, <i>The J. of Clin. Pharmacology</i> pps. 94-101 (1974)			
			Gianotti et al., Steroid therapy can modulate gut barrier function, host defense and survival in thermally injured mice, <i>J Surg Research</i> 62:53-58 (1996)			
			Horn, Y.; The effect of androgenic hormones on bone marrow of rats receiving chemotherapy, <i>Oncology</i> 25:512-519 (1971)			
			Kang et al., Dehydroepiandrosterone and β -endorphin enhance IL-12 gene expression, <i>Taehan Misaengmulhak Hoechi (J. Korean Soc. Microbiology)</i> 31(4):399-404 (1996) (translation from Korean)			
BB			Lardy et al., Ergosteroids II: Biologically active metabolites and synthetic derivatives of dehydroepiandrosterone, <i>Steroids</i> 63:158-165 (1998)			

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BB	Leroy et al., Estrogen-like effect of 5-androstene-3 β , 17 β -diol on the induction of fetal thymidine kinase in the rat uterus, <i>J. Steroid Biochem</i> 31(4):453-458 (1988)
	Loria et al., Mobilization of cutaneous immunity for systemic protection against infections, <i>Ann NY Acad Sci</i> 650:636-666 (1992)
	Loria et al., Regulation of the immune response by dehydroepiandrosterone and its metabolites, <i>J. Endocrinology</i> , 150:S209-S220 (1996)
	Manz et al., Methyl 17 β -Carboxyester Derivatives of Natural and Synthetic Glucocorticoids: Correlation Between Receptor Binding and Inhibition of in vitro Phytohaemagglutinin-Induced Lymphocyte Blastogenesis, <i>J. Clin. Chem. Clin. Biochem.</i> 21(2):69-75 (1983)
	Navarro et al., Androgen therapy for anemia in elderly uremic patients, <i>Int'l Urology and Nephrology</i> 32:549-557 (2001)
	Padgett et al., Endocrine regulation of murine macrophage function: effects of dehydroepiandrosterone, androstenediol, and androstenediol, <i>J. of Immunology</i> 84:61-68 (1998)
	Padgett et al., Endocrine regulation of the immune response to influenza virus infection with a metabolite of DHEA-androstenediol, <i>J. of Neuroimmunology</i> 78:203-211 (1997)
	Padgett et al., In vitro potentiation of lymphocyte activation by dehydroepiandrosterone, androstenediol and androstenediol, <i>J. Immunol</i> 153(4):1544-1552 (1994)
BB	Padgett et al., Steroid hormone regulation of a polyclonal T _H 2 immune response, <i>Ann NY Acad Sci</i> 774:323-325 (1995)
	Pashko, L. et al., "Inhibition of DNA synthesis in mouse epidermis and breast epithelium by dehydroepiandrosterone and related steroids", <i>Carcinogenesis</i>, Vol. 2, No. 8, p. 717-721 (1981)
BB	Rosenblum et al., Androgenic hormones and human granulopoiesis in vitro, <i>Blood</i> 43:351-356 (1974)
	Sanchez-Medal, L., The hemopoietic action of androstanes, <i>Progress in Hematology</i> , pps. 111-136 <i>Note needed</i>
	Sigg et al., 3 α -Acetoxyätiin-(8:9 oder 8:14)-säure-methylester, <i>Helvetica Chimica Acta</i> , 39(6):1507-1525 (1956) (translation from German)
	Steinherz et al., Effect of lithium carbonate plus oxymetholone vs. lithium alone on chemotherapy-induced myelosuppression, <i>The American J of Pediatric Hematology/Oncology</i> 5(1):39-44 (1983)
BB	Weisz et al., Selective reactions of some steroids with diethyl dicarbonate, <i>Archiv der Pharmazie</i> 319:952-953 (1986)
	Whitnall et al., Androstenediol stimulates myelopoiesis but not lymphopoiesis in irradiated mice, <i>Blood</i> 90(10)(1), 175a (1997)
BB	Whitnall et al., Androstenediol stimulates myelopoiesis and enhances resistance to infection in gamma-irradiated mice, <i>Int'l J of Immunopharmacology</i> 22:1-14 (2000)
BB	Whitnall et al., In Vivo radioprotection by 5-androstenediol: Stimulation of the immune system, <i>Radiation Research</i> 156:283-293 (2001)
	Yang et al., Inhibition of HIV-1 Latency Reactivation by Dehydroepiandrosterone (DHEA) and an Analog of DHEA, <i>Aids Research and Human Retroviruses</i> 9(8):747-754 (1993)

* Copies not provided.

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BB	5,364,847	11/15/94	Labrie et al.	—	—	
BB	6,667,299 B1	12/23/02	Ahlem et al.	—	—	

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						YES	NO
BB	EP 0 289 327 A	11/02/88	Europe	—	—		
I	EP 0 429 187 B1	05/01/94	Europe	—	—		
BB	EP 01 133 995	3/13/95	Europe	—	—		

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